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states:(71) Applicant: **mitsubishi paper mills ltd**(72) Inventor: **SEKIGUCHI HIDEKI
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**(54) INK-JET RECORDING
SHEET**

(57) Abstract:

PURPOSE: To improve the yellowing resistance of a base surface by forming an ink receiving layer with a composition which is composed of inorganic pigment, etc., having a specified specific surface area in which cycloamylose is fixed in an area of a specified value of the specific surface area or larger.

CONSTITUTION: An ink receiving layer composition is prepared which is composed mainly of an inorganic pigment with a specific surface area of 100m²/g or larger measured by BET in which cycloamylose is fixed in an area 20% or larger of the specific surface area and a binder resin. The composition is applied on a support and dried to make an ink-jet recording use sheet. Cycloamylose which can be used preferably is β -cycloamylose which has higher packaging efficiency for a coloring matter in comparison with α - and γ -cycloamylose and can

prevent efficiently the coloring matter from fading. The inorganic pigment contained in the ink receiving layer has preferably the specific surface area by BET of 100m²/g or larger.

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